

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 06843.0048
Attorney Customer Number: 22,852

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS RECORDATION
SERVICES

1. Name of conveying party(ies):
1) Anastasia KHVOROVA
2) Sumedha JAYASENA

2. Name and address of receiving party(ies):
Name: AMGEN INC.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address:

3. Nature of conveyance: Street Address: One Amgen Center Drive

☒ Assignment ☐ Merger City: Thousand Oaks

☐ Security Agreement ☐ Change of Name State: California Zip Code: 91320

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date: 1) April 28, 2004
2) April 29, 2004 ☐ Yes ☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: 1) April 28, 2004 2) April 29, 2004

A. Patent Application Number(s): B. Patent Number(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved:
1

7. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)

☐ Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ernest F. Chapman
Reg. No. 25,961


Signature

December 13, 2004
Date

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

HAMMERHEAD RIBOZYMES

for which We filed an international patent application under the Patent Cooperation Treaty (PCT) on June 12, 2003 (No. PCT/US03/18499); and

WHEREAS, Amgen Inc., a corporation of Delaware whose post office address is One Amgen Center Drive, Thousand Oaks, California 91320 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to an application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application Serial No. 60/389,147, filed June 13, 2002 (if any), and this application, PCT Application No. PCT/US03/18499, all U.S. applications and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Boulder)
)
State of Colorado)

ss.

Name: Anastasia Khvorova
Address: 2450 Squires Circle
Boulder, Colorado 80305
By: [Signature]
Date: 4.28.04

Subscribed and sworn to before me this 26th day of April, 2004
Margaret M. Franks, Notary Public

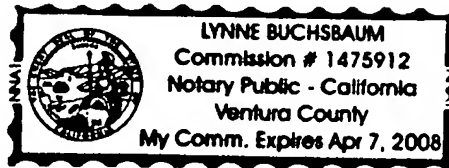
MARGARET M. FRANKS
Notary Public
State of Colorado

County of Ventura)
)
State of California)

ss.

Name: Sumedha Jayasena
Address: 1759 Bridle Oaks Court
Thousand Oaks, California 91362
By: [Signature]
Date: 04/29/04

Subscribed and sworn to before me this 29th day of April, 2004
Lynne Buchsbaum, Notary Public



**AUTHORIZATION TO ACT IN A REPRESENTATIVE CAPACITY**

In re Application of:	Khvorova et al.
Application No.:	10/517,638
Filed:	December 13, 2004
Title:	HAMMERHEAD RIBOZYMES
Attorney Docket No.:	06843.0048 / A-820
Art Unit:	Not yet assigned

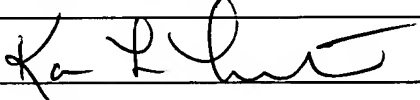
The practitioners named below are authorized to conduct interviews and have the authority to bind the principal concerned. Furthermore, the practitioners are authorized to file correspondence in the above-identified application pursuant to 37 CFR 1.34:

Name	Registration Number	Name	Registration Number
Ford F. Farabow, Jr.	20,630	Richard H. Smith	20,609
Arthur S. Garrett	20,338	Stephen L. Peterson	26,325
Donald R. Dunner	19,073	John M. Romary	26,331
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Jerry D. Voight	23,020	Allen M. Sokal	26,695
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Michael R. Kelly	33,921	James B. Monroe	33,971
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Kathleen A. Daley	36,116	C. Gregory Gramenopoulos	36,532
Anthony M. Gutowski	38,742	Lionel M. Lavenue	46,859
Christine E. Lehman	38,535	Patrick J. Coyne	31,821
F. Leslie Bessenger, III	39,108	Houtan K. Esfahani	41,893
Esther H. Lim	41,994	Michael A. Morin	40,734
Erik R. Puknys	40,132	Michael R. Albrecht	54,956
Douglas B. Henderson	20,291		

This is not a Power of Attorney to the above-named practitioner. Accordingly, the practitioner named above does **not** have authority to sign a request to change the correspondence address, a request for an express abandonment, a disclaimer, a power of attorney, or other document requiring the signature of the applicant, assignee of the entire interest or an attorney of record. If appropriate, a separate Power of Attorney to the above-named practitioner should be executed and filed in the United States Patent and Trademark Office.

SIGNATURE of Practitioner of Record

Name:	Karen L. Nicastro		
Signature:		Date:	May 9, 2005
Registration Number:	35,968	Telephone:	(805) 447-7211